

## **ABSTRACT**

A multiple-element antenna is provided that includes a monopole portion and a dipole portion. The monopole portion has a top section, a middle section, and a bottom section. The middle section defines a recess between the top and bottom sections, and the bottom section  
5 includes a monopole feeding port configured to couple the monopole portion of the multiple-element antenna to communications circuitry in a mobile communication device. The dipole portion has at least one dipole feeding port configured to couple the dipole portion of the multiple-element antenna to communications circuitry in the mobile communications device. The dipole portion of the multiple-element antenna is positioned within the recess defined by the  
10 monopole portion of the multiple-element antenna in order to electromagnetically couple the monopole portion with the dipole portion.